

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. **(Original)** In a substantially non-spinning guided missile having a rate of spin which is insufficient to form imaging for high-speed accurate fuzing, a passive-infrared-imaging fuze comprising at least one set of body-fixed wide-angle optics providing at least forward hemisphere coverage, a multi-element detector array and a microprocessor for image and data processing, aim-point selection and fuzing.
2. **(Original)** A fuze as recited in claim 1 wherein said fuzing is skewed-cone fuzing.
3. **(Original)** A fuze as recited in claim 2 wherein the skewed-cone having a generatrix which is the vector sum of missile velocity, warhead velocity, and the negative of target velocity.
4. **(Canceled)**
5. **(Canceled)**
6. **(Canceled)**
7. **(Original)** A fuze as recited in claim 1, further comprising means for miss direction prediction and directional-warhead aiming.
8. **(Original)** A fuze as recited in claim 2, further comprising means for miss direction prediction and directional-warhead aiming.
9. **(Original)** A fuze as recited in claim 3, further comprising means for miss direction prediction and directional-warhead aiming.
10. **(Canceled)**

11. **(Original)** In a substantially non-spinning rocket having a rate of spin which is insufficient to form imaging for high-speed accurate fuzing, a passive-infrared-imaging fuze comprising at least one set of body-fixed wide-angle optics providing at least forward hemisphere coverage, a multi-element detector array and a microprocessor for image and data processing, aim-point selection and fuzing.
12. **(Original)** A fuze as recited in claim 11 wherein said fuzing is skewed-cone fuzing.
13. **(Original)** A fuze as recited in claim 12, the skewed-cone having a generatrix which is the vector sum of rocket velocity, warhead velocity, and the negative of target velocity.
14. **(Canceled)**
15. **(Canceled)**
16. **(Canceled)**
17. **(Original)** A fuze as recited in claim 11, further comprising means for miss direction prediction and directional-warhead aiming.
18. **(Original)** A fuze as recited in claim 12, further comprising means for miss direction prediction and directional-warhead aiming.
19. **(Original)** A fuze as recited in claim 13, further comprising means for miss direction prediction and directional-warhead aiming.
20. **(Canceled)**
21. **(Original)** In a substantially non-spinning bomb having a rate of spin which is insufficient to form imaging for high-speed accurate fuzing, a passive-infrared-imaging fuze comprising at least one set of body-fixed wide-angle optics providing forward hemisphere coverage, a multi-element detector array and a microprocessor for image and data processing, aim-point selection and fuzing.
22. **(Original)** A fuze as recited in claim 21 wherein said fuzing is skewed-cone fuzing.

23. **(Original)** A fuze as recited in claim 22, the skewed-cone having a generatrix which is the vector sum of bomb velocity, warhead velocity, and the negative of target velocity.
24. **(Canceled)**
25. **(Canceled)**
26. **(Canceled)**
27. **(Original)** A fuze as recited in claim 21, further comprising means for miss direction prediction and directional-warhead aiming.
28. **(Original)** A fuze as recited in claim 22, further comprising means for miss direction prediction and directional-warhead aiming.
29. **(Original)** A fuze as recited in claim 23, further comprising means for miss direction prediction and directional-warhead aiming.
30. **(Canceled)**
31. **(Original)** In a substantially non-spinning projectile having a rate of spin which is insufficient to form imaging for high-speed accurate fuzing, a passive-infrared-imaging fuze comprising at least one set of body-fixed wide-angle optics providing forward hemisphere coverage, a multi-element detector array and a microprocessor for image and data processing, aim-point selection and fuzing.
32. **(Original)** A fuze as recited in claim 31 wherein said fuzing is skewed-cone fuzing.
33. **(Original)** A fuze as recited in claim 32, the skewed-cone having a generatrix which is the vector sum of projectile velocity, warhead velocity, and the negative of target velocity.
34. **(Canceled)**
35. **(Original)** A fuze as recited in claim 31, further comprising means for miss direction prediction and directional-warhead aiming.

Amendments to the Drawings:

The attached 7 sheets of drawings add figures 1, 2, 3, 4a, 4b, 4c, 4d, 5a, and 5b, all of which were previously found in the parent application and thus incorporated by reference herein.

Attachment: 7 Replacement Sheet